

PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/743,107

DATE: 07/05/2001

TIME: 15:52:03

Input Set : A:\003300-723.ST25.txt

Output Set: N:\CRF3\07032001\I743107.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: Hanson, Lars A.
5 Baltzer, Lars
6 Mattsby-Baltzer, Inger
7 Dolphin, Gunnar T.
9 <120> TITLE OF INVENTION: Peptides Based on the Sequence of Human Lactoferrin
10 and Their Use
12 <130> FILE REFERENCE: 003300-723
14 <140> CURRENT APPLICATION NUMBER: US 09/743,107
15 ~~141~~ **CURRENT FILING DATE: 2001-06-05**
17 <150> PRIOR APPLICATION NUMBER: PCT/SE99/01230
18 <151> PRIOR FILING DATE: 2000-09-29
20 <150> PRIOR APPLICATION NUMBER: SE 9802441-7
21 <151> PRIOR FILING DATE: 1998-07-06
23 <150> PRIOR APPLICATION NUMBER: SE 9802562-0
24 <151> PRIOR FILING DATE: 1998-07-17
26 <150> PRIOR APPLICATION NUMBER: SE 9804614-7
27 <151> PRIOR FILING DATE: 1998-12-29
E--> 29 <160> NUMBER OF SEQ ID NOS: 101 100 (next page)
31 <170> SOFTWARE: PatentIn version 2.1

ERRORED SEQUENCES

FYI

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

09/743,107 2

<210> 100

<211> 29

<212> PRT

<213> Artificial Sequence

last sequence in file

<220>

<223> Description of Artificial Sequence: a fragment of
human lactoferrin consisting of the amino acids in
positions 12-40

<400> 100

Val	Ser	Gln	Pro	Glu	Ala	Thr	Lys	Cys	Phe	Gln	Trp	Gln	Arg	Asn	Met
1				5					10					15	

Arg	Lys	Val	Arg	Gly	Pro	Pro	Val	Ser	Cys	Ile	Lys	Arg
			20					25				

see next page for more errors

9/743/07 3

<210> 60
<211> 14
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: of natural or artificial origin, corresp. to a modification of the seq. consisting of aa 18-31 in human

lactoferrin; lactams formed between aa 3 and 7, and 9 and 13

max rx - per 1.823 of
Sequence Rule, the
maximum number of
lines in C2237 response
is 4.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/743,107

DATE: 07/05/2001

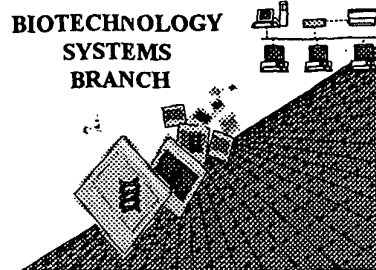
TIME: 15:52:04

Input Set : A:\003300-723.ST25.txt

Output Set: N:\CRF3\07032001\I743107.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1240 M:259 W: Allowed number of lines exceeded, <223> Other Information:
L:1268 M:259 W: Allowed number of lines exceeded, <223> Other Information:
L:1772 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:87
L:1772 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:87
L:1772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:1792 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:88
L:1792 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:88
L:1792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88
L:1812 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:89
L:1812 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:89
L:1812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
L:1832 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:90
L:1832 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:90
L:1832 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90
L:2003 M:283 W: Missing Blank Line separator, <220> field identifier
L:2039 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99
L:29 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (101) Counted (100)

RAW SEQUENCE LISTING **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/743,107
Source: Per
Date Processed by STIC: 7/5/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT,

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>